

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA1047SO

*This certificate, issued to*

Avitas Engineering  
Miami, FL 33126

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product — Type Certificate Number:* A23WE  
*Make:* Lockheed  
*Model:* LA1011

STC Surrender processed:

Approval by: *M. J. Taylor*  
Melvin Taylor, ATL ACO Manager  
Date: 23 FEB 2007

*Description of Type Design Change:*

Installation of the Litton LTN-211 Omega Navigation System in accordance with Eastern Air Lines Engineering Report No. E-1002, Revision B, Appendix A, dated October 25, 1978 (or later approved revision).

**Added Notes at Surrender:**

1. Future unsafe conditions existing in the product can result in an airworthiness directive requiring correction of the unsafe condition before further flight. If there is no entity to comply with 14 CFR 21.99(a), Required design changes, the existence of an unsafe condition might result in permanently grounding of the aircraft.
2. Replacement parts might not be available in the future.

*Limitations and Conditions:*

This Supplemental Type Certificate requires Airplane Flight Manual Supplement dated February 7, 1979, and is limited to Lockheed L-1011 series airplanes. This approval should not be extended to other airplanes of this series on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will produce no adverse affect upon the airworthiness of that airplane.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* June 14, 1978

*Date reissued:* June 5, 1992

*Date of issuance:* February 7, 1979

*Date amended:*



*By direction of the Administrator*

*John Tighe*  
John Tighe (Signature)  
Manager, Atlanta Aircraft  
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.